

IN THE SPECIFICATION

Please amend the Specification as described below.

Please amend [0046] of the published application (which corresponds to [0044] of the as-filed application) as follows:

[0046] In operation, the various position determination components of the MS 102 illustrated in FIG. 2 are used alone or in conjunction with each other to determine the present position of the MS 102. As previously noted, the GPS receiver 150 provides a very accurate position determination if a sufficient number of SVs 130 (see FIG. 1) are detected and have sufficient signal quality to perform the position determination. In some situations where the GPS receiver 150 is incapable of performing a satisfactory position determination, the cellular communication system may be used in stead instead of the GPS receiver 150 or in conjunction with the GPS receiver to determine the present position of the MS 102. As discussed above, the signals from the cellular telephone system can be used in a known manner to determine the position of the MS 102 when the GPS receiver 150 is incapable of performing a position determination. However, as discussed above, the position determination by the cellular telephone system is less accurate than that of the GPS receiver 150.

Please amend [0055] of the published application (which corresponds to [0053] of the as-filed application) as follows:

[0055] Another possible alternative is to create a special class of beacons under IEEE802.11 IEEE 802.11. The special class of beacons 104 can be available to all users. Identification information transmitted by the MS 102 can be used to authorize or prevent access to unauthorized portions of the computer network. For example, it is possible to prevent Internet access utilizing the beacons 104 of the systems 100.

Please amend [0061] of the published application (which corresponds to [0059] of the as-filed application) as follows:

[0061] In another embodiment, the MS 102 may communicate directly with the beacon 104 to obtain location-based services without the need for the external position determination by a PDE (e.g., the PDE 126 of FIG. 1). An example of such communication protocol is illustrated in FIG. 5 where at 220, the MS 102 transmits an address request to the beacon 104. ~~In addition to, or as an alternative to an address request, the MS 102 may simply request information related to the present position of the MS 102.~~ In addition to the address request, or as an alternative to the address request, the MS 102 may simply transmit a request for information related to the current position of the MS 102. For example, the consumer may already be aware of the current position, but simply request information related to, by way of example, a retail service provider at or near the position of the MS 102. For example, the user may be within a large store and request information regarding sales items in that retail store. In another example, the user may be near a movie theatre or a train station and request schedule information.